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**Amendments to the Claims**

This listing of claims will replace all prior versions and listings of the claims in this application.

**Listing of Claims**

1. (Original) A method for downloading a drug library from a medication management unit to a medical infusion device having a primary memory and an existing drug library stored in the primary memory, comprising:

determining that a drug library update needed event has occurred;

transmitting a new drug library from the medication management unit to the medical infusion device upon occurrence of the drug library update needed event;

storing the new drug library in a cache memory of the medical infusion device while maintaining the existing drug library in the primary memory;

determining that a specific trigger event has occurred; and

replacing the existing drug library in the primary memory with the new drug library upon occurrence of the trigger event.

2. (Original) The method of claim 1, wherein the trigger event is selected from the group consisting of a completed infusion, a stopped infusion, a determination that the device is in a configurable mode, elapsed time, a specific date and time, creation of the new drug library, a download of a modified drug library to the medication management unit, and a determination that the existing drug library at the medical device needs updating.

3. (Original) The method of claim 2, wherein the configurable mode is selected from a group of device modes consisting of a power-on sleeping mode and a power-off mode.

4. (Original) The method of claim 1, wherein the drug library update needed event is selected from the group consisting of a completed infusion, a stopped infusion, elapsed time, a specific date and time, creation of the new drug library, a download of a modified drug library to the medication management unit, and a determination that the existing drug library at the medical device needs updating.

5. (Original) The method of claim 1, wherein the step of determining when the trigger event has occurred is done by the medication management unit.

6. (Original) The method of claim 1, wherein the step of determining when the trigger event has occurred is done by the medical device.

7. (Original) The method of claim 1, wherein the step of determining when the drug library update needed event has occurred is done by the medication management unit.

8. (Original) The method of claim 1, wherein the step of determining when the drug library update needed event has occurred is done by the medical device.

9. (Original) The method of claim 1, further comprising the step of performing an infusion with the medical device using the existing drug library during the transmitting step.

10. (Original) The method of claim 1, wherein the new drug library is stored in the cache memory while the medical device is performing an infusion.

11. (Original) A medication management system for downloading a drug library from a medication management unit to a medical device having a primary memory and an existing drug library stored in the primary memory, comprising:

a medication management unit having a processing unit and a storage medium coupled to the processing unit, the storage medium containing programming code executed by the processing unit to:

determine that a drug library update needed event has occurred, and

transmit a new drug library from the medication management unit to a medical device upon occurrence of the drug library update needed event; and

a medical device in electronic communication with the medication management unit, having a processor and a primary memory coupled to the processor, the primary memory

containing an existing drug library and programming code executed by the processor to:

store the new drug library in a cache memory of the medical device while maintaining the existing drug library in the primary memory,

determine that a specific trigger event has occurred, and

replace the existing drug library in the primary memory with the new drug library upon occurrence of the trigger event.

12. (Original) The system of claim 11, wherein the trigger event is selected from the group consisting of a completed infusion, a stopped infusion, a determination that the device is in a configurable mode, elapsed time, a specific date and time, creation of the new drug library, a download of a modified drug library to the medication management unit, and a determination that the existing drug library at the medical device needs updating.

13. (Original) The system of claim 12, wherein the configurable mode is selected from a group of device modes consisting of a power-on sleeping mode and a power-off mode.

14. (Original) The system of claim 11, wherein the drug library update needed event is selected from the group consisting of a completed infusion, a stopped infusion, elapsed time, a specific date and time, creation of the new drug library, a download of a modified drug library to the medication management unit, and a determination that the existing drug library at the medical device needs updating.

15. (Original) The system of claim 11, wherein the medical device is adapted to perform an infusion using the existing drug library while the new drug library is transmitted.

16. (Original) The system of claim 11, wherein the new drug library is stored in the cache memory while the medical device is performing an infusion.

17. (New) The system of claim 11, wherein the existing drug library is deleted from the primary memory as part of being replaced by the new drug library.

18. (New) The system of claim 11, wherein a master drug library is stored in the medication management unit in the form of a single database spreadsheet that contains a plurality of drug library entries comprising information needed to configure a plurality of different types of medical devices, and each of the drug library entries includes a device type identifier field having a device type identifier therein such that the new drug library stored in the cache memory of the medical device includes only drug library entries with a device type identifier appropriate for the medical device.

19. (New) The method of claim 1, wherein prior to being transmitted from the medication management unit to the medical device, entries into the new drug library are automatically pre-validated in real time as the entries are input into the new drug library by a rule set editor associated with the medication management unit.

20. (New) The method of claim 1, comprising the step of generating a notice at the medical device selected from a group of notices consisting of a drug library change pending completion of current infusion notice, a new drug library download successful notice, and a new drug library download recorded notice.